

ABSTRACT

Aluminium-magnesium alloy product for welded mechanical construction, having the following composition, in weight percent:-

5	Mg	3.5 - 6.0	
	Mn	0.4 - 1.2	
	Zn	0.4 - 1.5	
	Zr	0.25 max.	
	Cr	0.3 max.	
10	Ti	0.2 max.	
	Fe	0.5 max.	
	Si	0.5 max.	
	Cu	0.4 max.	
	one or more selected from the group:		
15		Bi	0.005 - 0.1
		Pb	0.005 - 0.1
		Sn	0.01 - 0.1
		Ag	0.01 - 0.5
		Sc	0.01 - 0.5
		Li	0.01 - 0.5
20		V	0.01 - 0.3
		Ce	0.01 - 0.3
		Y	0.01 - 0.3
		Ni	0.01 - 0.3
	others	(each)	0.05 max.
25		(total)	0.15 max.
	balance aluminium.		